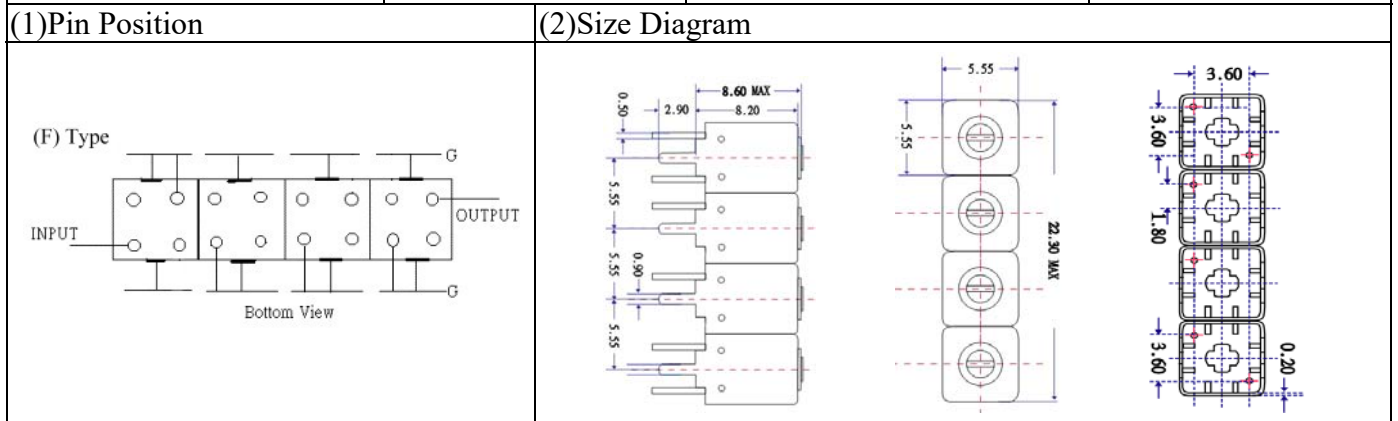


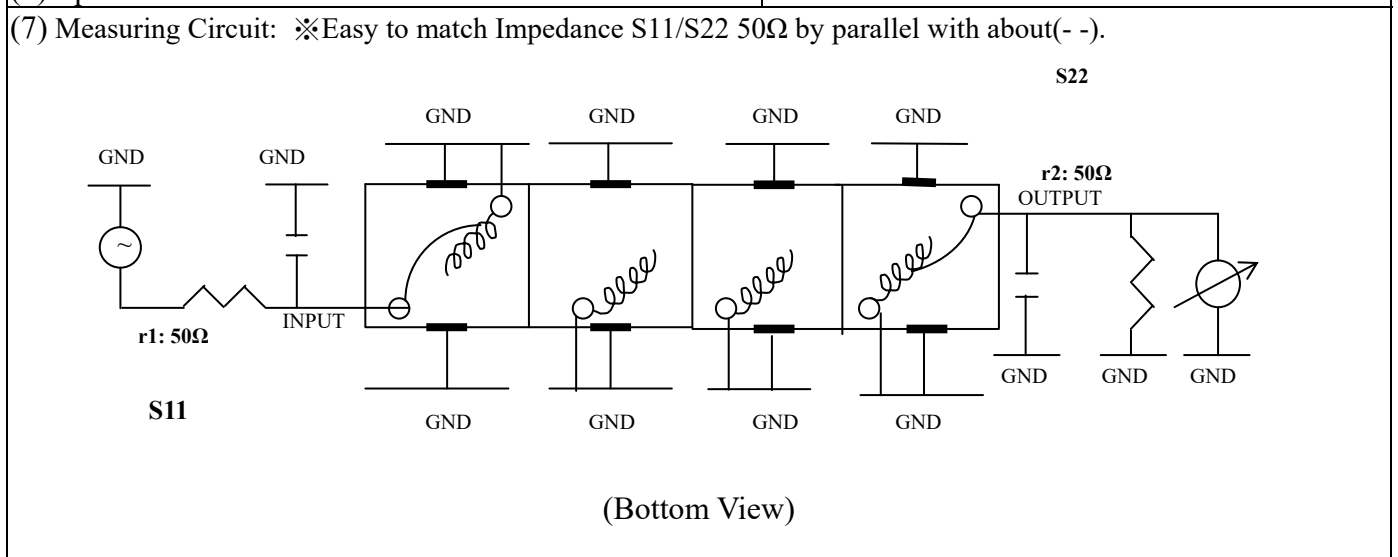
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41115F-1965M
Approval No. /dated	201905084CD	Temwell's Print name	41115F 1965M
Work Instruction No.	201905084CD	Date	Jul.26.2019



(3) Electric Characteristic					
Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		1965 MHz		1965 MHz	
Insertion Loss		Typ. 4.0 dB		2.66 dB	
-3 dB Bandwidth		Typ. 90 MHz		96.1 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 24 dBc		27 dBc	
	Fo + 100 MHz	Typ. 22 dBc		25 dBc	
	Fo - ( )MHz	Typ. dBc		dBc	
	Fo +( )MHz	Typ. dBc		dBc	
Return Loss		Min. 12 dB		35.5 dB	
Ripple		< 1 dB		dB	
Impedance		In / Out : 50 Ω		In / Out : 50 Ω	
(4) Torque for Tuning Screw		> 60gf • cm			

(5) Temperature Condition:	
Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C
(6) Input Power	> 0.5Watt

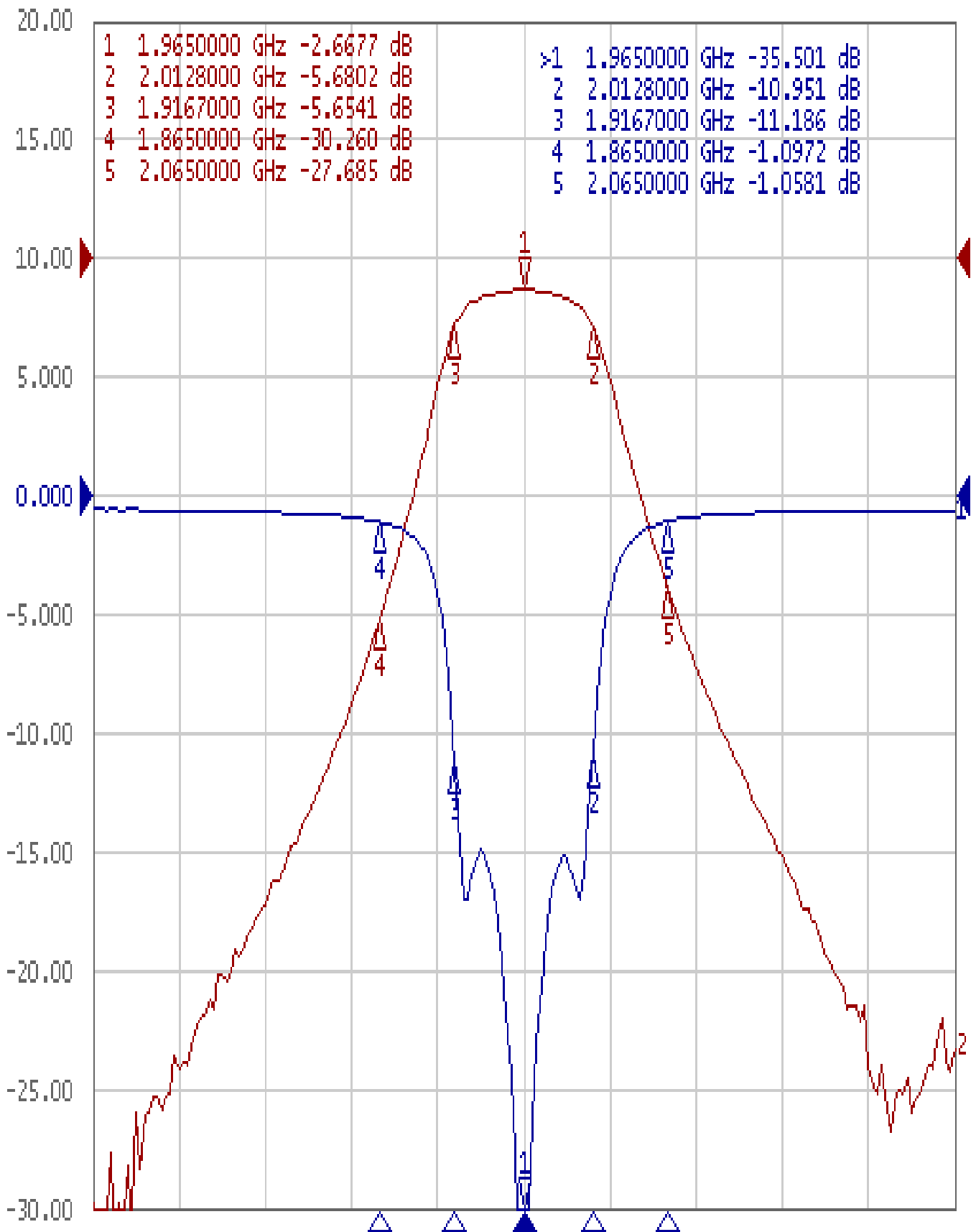


Approval	Supervisor	Designer	Aperture size
C. Y.Chang	C.K.Chang	W.W.Wang	5W4S(3.8*4.5)(4.53) 5HW046RB3.2(J1)
TEMWELL CORPORATION			

# Performance-TFW4115F-1965M

## 201905084CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]  
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 1.965 GHz

IFBW 70 kHz

Span 600 MHz Cor !